



Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

West Fork Drywood Creek

Water Body Segment at a Glance:

County: Vernon
Nearby City: Bronaugh
Length of impaired segment: 5.5 miles¹
Pollutant: Low Dissolved Oxygen
Source: None Given
Water Body ID: 1317



State Map Showing Location of Watershed

Scheduled for TMDL development: 2016

Description of the Problem

Designated beneficial uses of West Fork Drywood Creek

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health (Fish Consumption)
- Whole Body Contact Recreation

Use that is impaired

- Protection of Warm Water Aquatic Life

Standards that apply

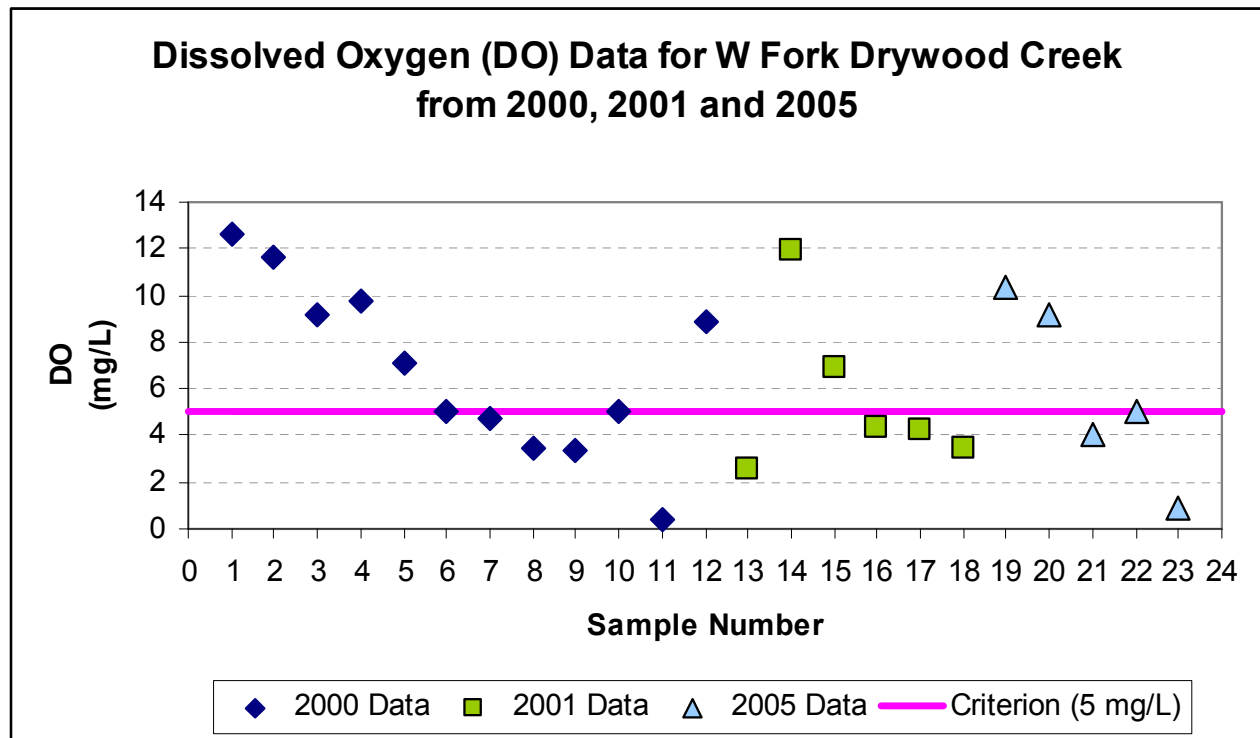
- In the Missouri Water Quality Standards, found in 10 CSR 20-7.031 Table A, the criterion for dissolved oxygen, or DO, in streams is a minimum of 5 mg/L (milligrams per liter or parts per million).

Background Information and water quality data

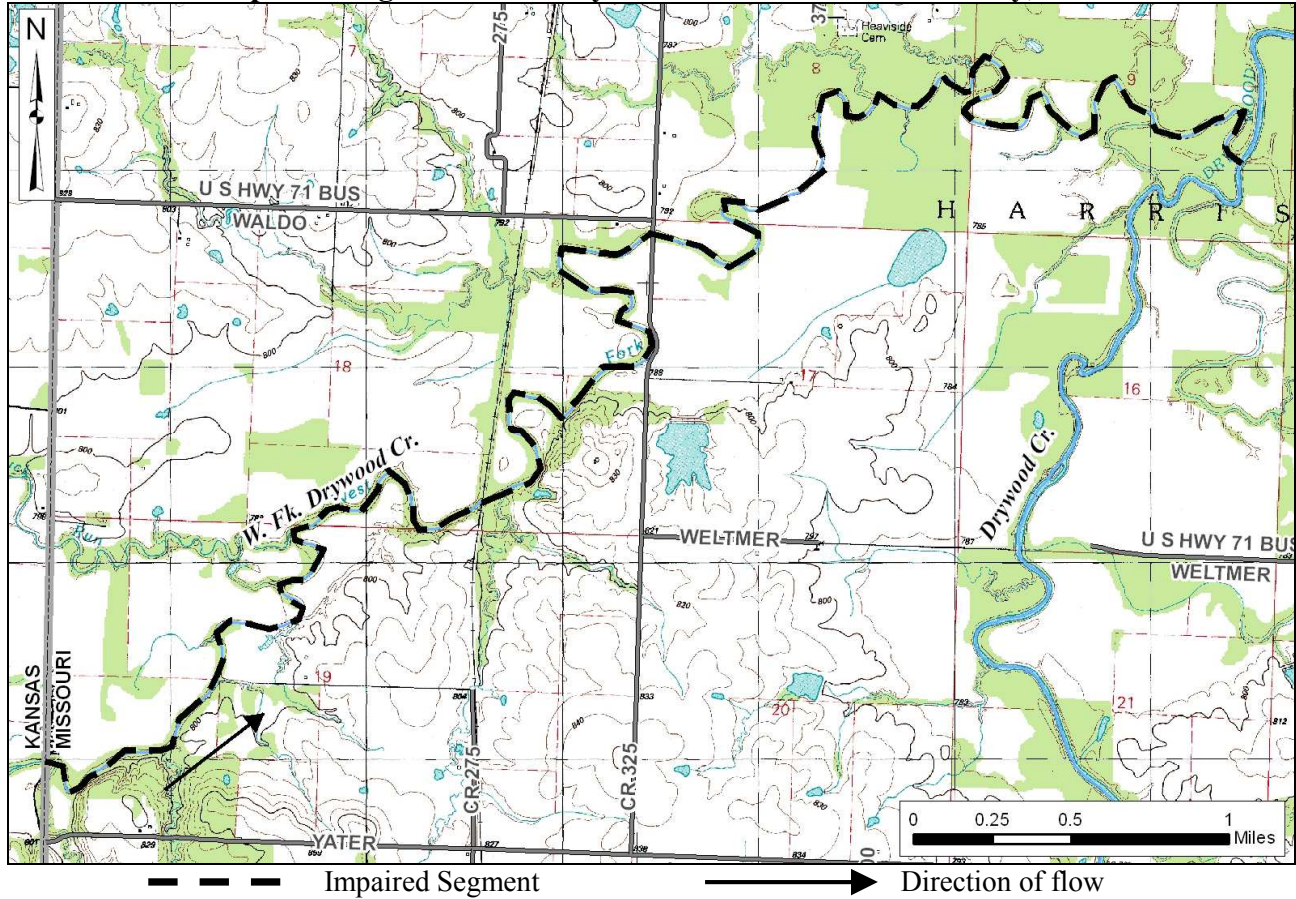
West Fork Drywood Creek originates in Kansas and flows east to join Drywood Creek in western Vernon County, Missouri. The low dissolved oxygen impairment is based on data collected by the Kansas Department of Health and Environment in 2000, 2001 and 2005.

¹ This mileage (5.5 miles) is listed on the 2008 303(d) List. However, the mileage has been corrected in the Oct 30, 2009 revision of Missouri's Water Quality Standards to 8.1 miles.

Water quality conditions in West Fork Drywood Creek are not protective of aquatic life as the dissolved oxygen is too low. Dissolved oxygen is important as many aquatic organisms require high levels of oxygen to survive. For dissolved oxygen, if more that 10 percent of measurements in a water body fail to meet the water quality criterion that water body is judged to be impaired. In the case of West Fork Drywood Creek, 10 of 28 samples (35.7 percent) did not meet the water quality criterion. It is not known what is causing the dissolved oxygen to be low.



Map Showing West Fork Drywood Creek in Vernon County, Mo.



Sample Sites

Kansas Sample Site (not pictured) = W. Fk. Drywood Cr. 3 miles SW of Garland, Kan.

For more information call or write:

Missouri Department of Natural Resources

Water Protection Program

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